

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0307_01_f_2014_34				
Comment Code					
Inspector Comment					
RD 307 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0307_01_f_2014_35				
Comment Code					
Inspector Comment					
The District according to Mr. Pete Dwyer, is part of the Delta Emergency plan where supplies are kept in a central location that they can gain access to if and when needed.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start		Rating **	M	Issue No.	36
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_36				
Comment Code					
Inspector Comment					
RD 307 hasn't been to any recent training classes.					

No Photos

LM Start	0.01	Rating **	U	Issue No.	61
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.479953 °	38.477806 °	
			-121.549427 °	-121.546679 °	
DWR ID	DWR_RD0307_01_f_2017_61				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0307_166_61_20180301_00035.jpg



Landside vegetation should be reduced and maintained to allow inspection and access to slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	0.01	Rating **	U	Issue No.	60
LM End	0.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.479912 °	38.477725 °
				-121.549293 °	-121.546511 °
DWR ID	DWR_RD0307_01_f_2017_60				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0307_166_60_20180301_00034.jpg



Waterside vegetation should be trimmed to 20 feet from crown to allow inspection.

LM Start	0.09	Rating **	M	Issue No.	55
LM End	0.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.479060 °	38.479060 °
				-121.548418 °	-121.548418 °
DWR ID	DWR_RD0307_01_s_2017_55				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cut up fallen tree from the land side levee section.					

Photo 1 of 1 : SP_2018_RD0307_166_55_20180301_00027.jpg



RD 307 Levee mile 0.09 landside fallen tree on the slope and shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	0.16	Rating **	M	Issue No.	65	
LM End	0.16	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.478322 °		38.478322 °
				-121.547389 °		-121.547389 °
DWR ID	DWR_RD0307_01_f_2017_65					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Large tree down on levee slope and toe.						

No Photos

LM Start	0.20	Rating **	M	Issue No.	66
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.477977 °	38.477977 °
				-121.546914 °	-121.546914 °
DWR ID	DWR_RD0307_01_f_2017_66				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot traffic on waterside slope.					

Photo 1 of 1 : SP_2018_RD0307_166_66_20180301_00037.jpg



Slope erosion should be repaired and foot traffic stopped.

LM Start	0.23	Rating **	M	Issue No.	67
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.477698 °	38.475494 °
				-121.546491 °	-121.543532 °
DWR ID	DWR_RD0307_01_f_2017_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

Photo 1 of 1 : SP_2018_RD0307_166_59_20180301_00033.jpg



RD 307 Landside slope looking downstream from levee mile 0.35.

Photo 1 of 1 : SP_2018_RD0307_166_62_20180301_00036.jpg



RD 307 Levee mile 0.35 water side levee slope fallen cut up tree

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Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	0.46	Rating **	C	Issue No.	72
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.475388 °	38.475254 °	
			-121.543352 °	-121.543104 °	
DWR ID	DWR_RD0307_01_f_2017_72				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.60	Rating **	M	Issue No.	75
LM End	1.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.474449 °	38.473102 °	
			-121.541164 °	-121.523850 °	
DWR ID	DWR_RD0307_01_f_2017_75				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.60	Rating **	M	Issue No.	76
LM End	6.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.474445 °	38.429784 °	
			-121.541144 °	-121.533283 °	
DWR ID	DWR_RD0307_01_f_2017_76				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	0.87	Rating **	C	Issue No.	78
LM End	0.87	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472976 °	38.472976 °
				-121.536476 °	-121.536476 °
DWR ID	DWR_RD0307_01_f_2017_78				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Branches on waterside slope.					

No Photos

LM Start	1.17	Rating **	M	Issue No.	1
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.473059 °	38.473082 °
				-121.530988 °	-121.528437 °
DWR ID	DWR_RD0307_01_s_2016_1				
Comment Code					
Inspector Comment					
2012 - Bank is slowly eroding, old rock protection starting to unravel. 2015: No observed changes. [2015 Site ID: SAC_48-6_R]					

Photo 1 of 1 : SP_2018_RD0307_166_1_20180301_00001.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	1.29	Rating **	U	Issue No.	9
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472827 °	38.472827 °
				-121.528785 °	-121.528785 °
DWR ID	DWR_RD0307_01_f_2014_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed trees from waterside slope.					

Photo 1 of 1 : SP_2018_RD0307_166_9_20180301_00004.jpg



This tree needs to be removed from the waterside slope. No change 4-17.

LM Start	1.31	Rating **	M	Issue No.	64
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472855 °	38.472855 °
				-121.528435 °	-121.528435 °
DWR ID	DWR_RD0307_01_s_2016_64				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree limbs from the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	1.35	Rating **	M	Issue No.	10
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472880 °	38.472880 °
				-121.527733 °	-121.527733 °
DWR ID	DWR_RD0307_01_f_2014_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The RD will schedule to have these trees cut up and removed from the waterside levee section as soon as possible. Trees still present during Spring inspection.					

Photo 1 of 1 : SP_2018_RD0307_166_10_20180301_00005.jpg



Remove unwanted trees from waterside slope. These trees are dead and are resting on the slope. No change 4-17.

LM Start	1.39	Rating **	M	Issue No.	83
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472918 °	38.472918 °
				-121.526956 °	-121.526956 °
DWR ID	DWR_RD0307_01_f_2017_83				
Comment Code					
DE : Debris					
Inspector Comment					
Remove trash from waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	1.51	Rating **	C	Issue No.	74
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.473070 °	38.472813 °
				-121.524802 °	-121.514971 °
DWR ID	DWR_RD0307_01_s_2017_74				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
RD 307 need to have bait stations placed along the slopes where rodent activity is present throughout the district.					

No Photos

LM Start	1.68	Rating **	U	Issue No.	69
LM End	1.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473241 °	38.473191 °
				-121.521560 °	-121.518120 °
DWR ID	DWR_RD0307_01_f_2017_69				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.71	Rating **	M	Issue No.	85	
LM End	1.71	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.473252 °		38.473252 °
				-121.521079 °		-121.521079 °
DWR ID	DWR_RD0307_01_f_2017_85					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	1.72	Rating **	M	Issue No.	71
LM End	1.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473352 °	38.473352 °
				-121.520852 °	-121.520852 °
DWR ID	DWR_RD0307_01_s_2016_71				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the landside slope.					

No Photos

LM Start	1.82	Rating **	U	Issue No.	87
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.473236 °	38.473236 °
				-121.518998 °	-121.518998 °
DWR ID	DWR_RD0307_01_f_2017_87				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	1.86	Rating **	U	Issue No.	73
LM End	1.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473182 °	38.473182 °
				-121.518280 °	-121.518280 °
DWR ID	DWR_RD0307_01_s _ 2016_73				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cut up oak tree from both ls/ws slops the levee section. No change 4-17.					

LM Start	1.86	Rating **	U	Issue No.	73 (cont)
LM End	1.86	Issue Type +	Ma	Location *	LS

A photograph showing a pile of cut logs and branches on the ground, likely prepared for a fire. The logs are stacked in a somewhat haphazard manner, with some showing the inner wood. The surrounding area is covered in dry leaves and twigs, suggesting a natural outdoor setting.

Looking downstream from levee mile 1.86 cut up fallen tree on shoulder.

Looking downstream toward levee mile 1.87 fallen tree on shoulder.

LM Start	1.86	Rating **	U	Issue No.	73 (cont)
LM End	1.86	Issue Type +	Ma	Location *	LS

Waterside shoulder levee mile 1.86 more of the cut up oak.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	1.87	Rating **	M	Issue No.	127
LM End	1.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.473211 °	38.473211 °	
			-121.518169 °	-121.518169 °	
DWR ID	DWR_RD0307_01_s_2018_127				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	1.94	Rating **	M	Issue No.	90
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.473045 °	38.472964 °	
			-121.516802 °	-121.515915 °	
DWR ID	DWR_RD0307_01_f_2017_90				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.22	Rating **	M	Issue No.	91
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.472154 °	38.472154 °	
			-121.511763 °	-121.511763 °	
DWR ID	DWR_RD0307_01_f_2017_91				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	2.38	Rating **	M	Issue No.	89
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.471378 °	38.471005 °
				-121.509067 °	-121.508273 °
DWR ID	DWR_RD0307_01_s _ 2017_89				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the levee slope instability.					

No Photos

LM Start	2.44	Rating **	C	Issue No.	88
LM End	2.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.470897 °	38.470087 °
				-121.508077 °	-121.506888 °
DWR ID	DWR_RD0307_01_s _ 2017_88				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the levee slope instability.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	2.47	Rating **	M	Issue No.	49 (cont)
LM End	2.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.470583 °	38.470052 °	
			-121.507658 °	-121.506902 °	

DWR ID DWR_RD0307_01_f_2017_49

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.

Site ID No: 500

Site Designation: LMA-406

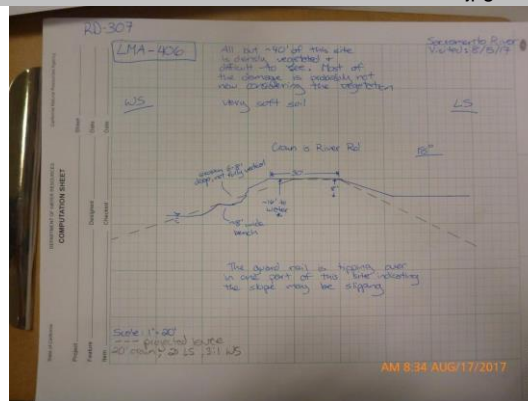
Repair Type: Erosion

Rating: Area of Concern

Field Date: 8/15/2017

Notes:

Photo 3 of 3 : LEVAL_SP_2018_500_4226.jpg



LM Start	2.72	Rating **	M	Issue No.	99
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.467438 °	38.466204 °	
			-121.505723 °	-121.505542 °	

DWR ID DWR_RD0307_01_f_2017_99

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	2.93	Rating **	M	Issue No.	101
LM End	2.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.464429 °	38.463570 °
				-121.505333 °	-121.505223 °
DWR ID	DWR_RD0307_01_f_2017_101				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.00	Rating **	M	Issue No.	122
LM End	3.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.463454 °	38.463454 °
				-121.505183 °	-121.505183 °
DWR ID	DWR_RD0307_01_s_2018_122				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.25	Rating **	M	Issue No.	102
LM End	3.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.459873 °	38.459873 °
				-121.504510 °	-121.504510 °
DWR ID	DWR_RD0307_01_f_2017_102				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable N : Not Inspected/Rated		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable C : Corrected		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable A/W : Acceptable but Monitor & Maintain		En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	3.53	Rating **	C	Issue No.	22
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.455917 °	38.455917 °
				-121.503510 °	-121.503505 °
DWR ID	DWR_RD0307_01_f_2014_22				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim the tree to allow visibility of the ground.					

No Photos

LM Start	3.86	Rating **	M	Issue No.	24
LM End	3.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.451123 °	38.451123 °
				-121.502622 °	-121.502622 °
DWR ID	DWR_RD0307_01_f_2014_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cutup tree limbs from the waterside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	3.92	Rating **	M	Issue No.	110
LM End	3.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.450255 °	38.450255 °
				-121.502641 °	-121.502641 °
DWR ID	DWR_RD0307_01_f_2017_110				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.96	Rating **	M	Issue No.	111
LM End	3.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.449688 °	38.449688 °
				-121.502646 °	-121.502646 °
DWR ID	DWR_RD0307_01_f_2017_111				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.98	Rating **	M	Issue No.	128
LM End	3.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.449404 °	38.449404 °
				-121.502663 °	-121.502663 °
DWR ID	DWR_RD0307_01_s_2018_128				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Repair rills on landside slope. Additionally repair rodent holes along this stretch.					

Photo 1 of 2 : SP_2018_RD0307_166_128_20180308_00143.jpg



Erosion rodent hole landside looking east.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	3.98	Rating **	M	Issue No.	128 (cont)	
LM End	3.98	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.449404 °		38.449404 °
				-121.502663 °		-121.502663 °
DWR ID	DWR_RD0307_01_s_2018_128					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
Repair rills on landside slope. Additionally repair rodent holes along this stretch.						

Photo 2 of 2 : SP_2018_RD0307_166_128_20180308_00144.jpg



Erosion rodent hole landside looking south.

LM Start	4.07	Rating **	M	Issue No.	112
LM End	4.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.448183 °	38.447647 °
				-121.502693 °	-121.502707 °
DWR ID	DWR_RD0307_01_f_2017_112				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	4.10	Rating **	M	Issue No.	97
LM End	4.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.447683 °	38.447376 °
				-121.502720 °	-121.502719 °
DWR ID	DWR_RD0307_01_s_2018_97				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	4.11	Rating **	U	Issue No.	119
LM End	4.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.447538 °	38.447538 °
				-121.502659 °	-121.502659 °
DWR ID	DWR_RD0307_01_s_2018_119				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed tree on waterside slope.					

Photo 1 of 1 : SP_2018_RD0307_166_119_20180308_00142.jpg



Downed tree waterside looking south.

LM Start	4.20	Rating **	C	Issue No.	113
LM End	4.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.446238 °	38.446238 °
				-121.502862 °	-121.502862 °
DWR ID	DWR_RD0307_01_f_2017_113				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	4.58	Rating **	M	Issue No.	80
LM End	4.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.440975 °	38.440975 °
				-121.504545 °	-121.504545 °
DWR ID	DWR_RD0307_01_s_2016_80				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside shoulder.					

No Photos

LM Start	4.86	Rating **	C	Issue No.	117
LM End	4.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.438103 °	38.437558 °
				-121.507958 °	-121.509045 °
DWR ID	DWR_RD0307_01_f_2017_117				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	4.88	Rating **	M	Issue No.	104
LM End	4.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.437871 °	38.437871 °
				-121.508356 °	-121.508356 °
DWR ID	DWR_RD0307_01_s_2018_104				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed tree on landside slope.					

Photo 1 of 1 : SP_2018_RD0307_166_104_20180308_00139.jpg



Encroachment downed tree on landside looking south

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	5.37	Rating **	U	Issue No.	123
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435665 °	38.435634 °
				-121.516868 °	-121.518275 °
DWR ID	DWR_RD0307_01_f_2017_123				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.50	Rating **	C	Issue No.	30
LM End	5.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.435608 °	38.435657 °
				-121.519147 °	-121.519652 °
DWR ID	DWR_RD0307_01_f_2014_30				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Need bait stations along the slope where rodents are active.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	5.62	Rating **	M	Issue No.	124
LM End	5.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435764 °	38.435925 °
				-121.521426 °	-121.523343 °
DWR ID	DWR_RD0307_01_f_2017_124				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.95	Rating **	M	Issue No.	126
LM End	6.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.436136 °	38.435305 °
				-121.527518 °	-121.530422 °
DWR ID	DWR_RD0307_01_f_2017_126				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	6.15	Rating **	U	Issue No.	114
LM End	6.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435118 °	38.435118 °
				-121.530795 °	-121.530795 °
DWR ID	DWR_RD0307_01_s_2018_114				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0307_166_114_20180308_00141.jpg



Vegetation landside looking southwest.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

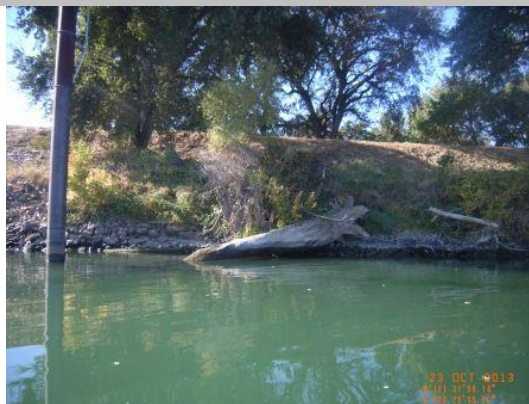
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	6.19	Rating **	M	Issue No.	2
LM End	6.38	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.434560 °	38.432287 °
				-121.531159 °	-121.532978 °
DWR ID	DWR_RD0307_01_s_2016_2				
Comment Code					
Inspector Comment					
2008 - Large rotational failure in bank and well into the levee slope. Could be a significant problem in the next high flow event. 2009 - Minimal new erosion, site extended upstream. 2010 - Minor new erosion. 2011 - Tree popout has left a large hole. Large slump area. Rock on the bank is failing in some locations. 2012 - The toe appears to be scouring out. 2015: No observed changes. [2015 Site ID: SAC_43-2_R]					

Photo 1 of 1 : SP_2018_RD0307_166_2_20180301_00002.jpg



USACE 2013 Photo #1

LM Start	6.42	Rating **	A/W	Issue No.	107		
LM End	6.55	Issue Type +	Ma	Location *			
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Erosion / Bank Caving				o		o
					o		o
DWR ID	DWR_RD0307_01_s_2018_107						
Comment Code							
Inspector Comment							
This is to identify corrections to the USACE 2015 Erosion survey. The LMA repaired erosion sites in 2017.							

Photo 1 of 2 : SP_2018_RD0307_166_107_20180425_00145.jpg



RD307 Lisbon Unit 1 Issue 107 LM6.42-6.55 Erosion repaired picture taken from LB looking west.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	6.42	Rating **	A/W	Issue No.	107 (cont)		
LM End	6.55	Issue Type +	Ma	Location *			
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Erosion / Bank Caving				°		°
					°		°
DWR ID	DWR_RD0307_01_s_2018_107						
Comment Code							
Inspector Comment							
This is to identify corrections to the USACE 2015 Erosion survey. The LMA repaired erosion sites in 2017.							

Photo 2 of 2 : SP_2018_RD0307_166_107_20180425_00146.jpg



RD307 Lisbon Unit 1 Issue 107 LM6.42-6.55 Erosion repaired picture taken from LB looking west.

LM Start	6.42	Rating **	C	Issue No.	8
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.431726 °	38.429957 °
				-121.533200 °	-121.533035 °
DWR ID	DWR_RD0307_01_s_2016_8				
Comment Code					
Inspector Comment					
2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail. 2015: No observed changes. [2015 Site ID: SAC_43-1_R]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	6.43	Rating **	C	Issue No.	50
LM End		Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.431650 °	°
				-121.533367 °	°
DWR ID	DWR_RD0307_01_f_2017_50				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.</p> <p>Site ID No: 501</p> <p>Site Designation: LMA-407</p> <p>Repair Type: Erosion</p> <p>Rating: Serious</p> <p>Field Date: 8/15/2017</p> <p>Notes: Sites LMA-407, LMA-408, LMA-409, LMA-410, LMA-411, and LMA-412 are all to be considered as one site.</p>					

No Photos

LM Start	6.46	Rating **	C	Issue No.	51
LM End		Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.431219 °	°
				-121.533411 °	°
DWR ID	DWR_RD0307_01_f_2017_51				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.</p> <p>Site ID No: 502</p> <p>Site Designation: LMA-408</p> <p>Repair Type: Erosion</p> <p>Rating: Serious</p> <p>Field Date: 8/15/2017</p> <p>Notes: Sites LMA-407, LMA-408, LMA-409, LMA-410, LMA-411, and LMA-412 are all to be considered as one site.</p>					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	6.48	Rating **	C	Issue No.	52
LM End		Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.430958 °	°
				-121.533364 °	°
DWR ID	DWR_RD0307_01_f_2017_52				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.</p> <p>Site ID No: 503</p> <p>Site Designation: LMA-409</p> <p>Repair Type: Erosion</p> <p>Rating: Serious</p> <p>Field Date: 8/15/2017</p> <p>Notes: should be merged with LMA-410, photos are linked to the 2 sites separately for now. Sites LMA-407, LMA-408, LMA-409, LMA-410, LMA-411, and LMA-412 are all to be considered as one site.</p>					

No Photos

LM Start	6.50	Rating **	C	Issue No.	53
LM End		Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.430572 °	°
				-121.533372 °	°
DWR ID	DWR_RD0307_01_f_2017_53				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.</p> <p>Site ID No: 504</p> <p>Site Designation: LMA-410</p> <p>Repair Type: Erosion</p> <p>Rating: Serious</p> <p>Field Date: 8/15/2017</p> <p>Notes: Sites LMA-407, LMA-408, LMA-409, LMA-410, LMA-411, and LMA-412 are all to be considered as one site.</p>					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	6.51	Rating **	C	Issue No.	54
LM End		Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.430447 °	°
				-121.533336 °	°
DWR ID	DWR_RD0307_01_f_2017_54				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage. Site ID No: 505 Site Designation: LMA-411 Repair Type: Erosion Rating: Serious Field Date: 8/15/2017 Notes: Sites LMA-407, LMA-408, LMA-409, LMA-410, LMA-411, and LMA-412 are all to be considered as one site.					

No Photos

LM Start	6.52	Rating **	C	Issue No.	57
LM End		Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.430367 °	°
				-121.533306 °	°
DWR ID	DWR_RD0307_01_f_2017_57				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage. Site ID No: 506 Site Designation: LMA-412 Repair Type: Erosion Rating: Serious Field Date: 8/15/2017 Notes: Sites LMA-407, LMA-408, LMA-409, LMA-410, LMA-411, and LMA-412 are all to be considered as one site.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	6.54	Rating **	A/W	Issue No.	161
LM End	6.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.430043 °	38.430043 °
				-121.533275 °	-121.533275 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17406					
DS_ID:21731					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 36-inch steel drainage pipe through the					
levee, 16 feet below the crown. Flap gate on the waterside (WS) end.					
Gate valve and air vent on the landside (LS). Pump and trash rack 200					
feet off the LS toe. [Additional Reference(s): DWR Levee Log, 1990.					
USACE Sacramento O&M Manual 114, April 1959, (RM 43.08)].					
FS Date: 8/7/2013					

Photo 1 of 3 : UCIP_SP_2018_17406_29510.jpg



Pipes visible on LS toe.

LM Start	6.54	Rating **	A/W	Issue No.	161 (cont)
LM End	6.54	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_17406_29509.jpg



Pump and trash rack 200-feet off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	03/06/2018 03/06/2018	Dave Torres

LM Start	6.54	Rating **	A/W	Issue No.	161 (cont)	
LM End	6.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.430043 °		38.430043 °
				-121.533275 °		-121.533275 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17406						
DS_ID:21731						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 2 of 2: 36-inch steel drainage pipe through the						
levee, 16 feet below the crown. Flap gate on the waterside (WS) end.						
Gate valve and air vent on the landside (LS). Pump and trash rack 200						
feet off the LS toe. [Additional Reference(s): DWR Levee Log, 1990.						
USACE Sacramento O&M Manual 114, April 1959, (RM 43.08)].						
FS Date: 8/7/2013						

Photo 3 of 3 : UCIP_SP_2018_17406_29508.jpg



Intake at concrete headwall under pump.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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